

Comprehensive Nutrient Management Planning in N.C.

Producer Interview

Goal: To collect complete, accurate and facility-specific information as a first-step in Nutrient Management Plan development. (Answer all that apply).

1. Site information

- Names, phone numbers, and addresses of owner/ operator
- Location of production site and headquarters
- Farmstead sketch or aerial photo of facility
- Farm property overview

2. Production information

- Animal type, phases of production, numbers and confinement
- Animal numbers and average weight
- Unique or site-specific production practices

3. Animal Waste Management System

- Name and description of Waste Storage Structure(s)
- Coding of Waste Analysis samples
- Manure storage volume (days of storage)
- Application method and equipment descriptions
- Existing irrigation system specs and irrigation design
- Existing documentation of facility components (structure design, as-built plans, etc.)
- Third party hauler agreements

4. Waste Application Fields

- Field ID codes (include table matching tract/field designation with producer labels)
- Expected application seasons (each crop) and estimated monthly percentage
- If multiple waste types, which fields receive which type of waste (method?)
- Owned vs. leased land (need written Waste Utilization Agreements)

- Note set-backs, buffers, waterways, and environmentally sensitive areas
- Drainage issues or artificial drainage
- Existing, related conservation practices as part of any Conservation Plan

5. **Actual activity records**

- Soil tests for every field and explanation of soil sample codes
- Commercial fertilizer and lime in past 12 months
- Waste analysis (NCANAT, User-defined source)
- Cropping system w/ complete rotation information (current and planned)
- Form of Tillage (low vs. high residue) & application method (soil incorp?)
- Harvest records if producer-derived data is to be used for planning

6. **Checklists** (fill out w/ producer)

- Plan for dead animals - methods and equipment used to implement disposal plan
- Checklists for odor and insect management
- Information for Emergency Action Plan (emergency contacts, contractor, etc.)

7. **Operation and Maintenance**

- Procedures for storage structures and related components
- Application equipment (calibration, etc.)
- Conservation practices/ BMP Systems
- Record-keeping, waste and soil sampling
- Safety and protection
- Material disposal

8. **Site Visit**

- Schedule for examination of facility, waste storage structures and equipment
- Collection of field data for RUSLE/PLAT/NLEW
- Verify buffers, setbacks, existing conservation practices, etc.